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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 02-090-B)

In Re Application of:	)	
Bakthavatchalam, et al.	)	
	)	Examiner:
Serial No.: 09/910,442	)	Kahsay Habte
	)	
Filed: July 20, 2001	)	Art Unit: 1624
	)	
For: CAPSAICIN RECEPTOR LIGANDS	)	

## RESPONSE TO THE OFFICE ACTION MAILED NOVEMBER 7, 2002

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Responsive to the Office Action mailed November 7, 2002, the Applicants respectfully request the Examiner to reconsider the patent application identified above in view of the following amendments and remarks.

## **AMENDMENTS**

In the Abstract:

Please enter the following amended Abstract:

Disclosed are diaryl piperazines and related compounds of the following Formula:

T,1300

$$Ar_1 \xrightarrow{A} \xrightarrow{R_3} \xrightarrow{R_4} \xrightarrow{R_5} \xrightarrow{R_$$

BI

defined in the specification. the variables are as These compounds are selective modulators of capsaicin receptors, including human capsaicin receptors, that are, therefore, useful in the treatment of a chronic and acute pain conditions, itch Methods of treatment and urinary incontinence. disorders and well as packaged pharmaceutical compositions are Compounds of the invention are also useful as also provided. probes for the localization of capsaicin receptors and as standards in assays for capsaicin receptor binding and capsaicin receptor mediated cation conductance. Methods of using the compounds in receptor localization studies are given.